

DAT notes for 20 January 2011

Attendees: Cynthia LeDoux-Bloom and Reza Shahcheraghi (DWR), Geir Aasen (DFG), Barbara Byrne (NMFS), Shing Kong (CCWD), Jon Speegle, Leigh Bartoo and Nick Hindman (USFWS), Jim Snow (Westlands) and Tom Boardman (SLDMWA).

HATCHERY REPORT

No new updates for hatchery releases.

State and Federal Hatchery Releases												
	LS	Date	CNFH	Date	FRH	Date	Nimbus	Date	Moke	Date	Merced	Date
CHNF												
CHLF			778,253	12/09/10								
			76,171	12/21/10								
			157,719	1/14/11								
CHNW												
CHNS												
SH			715,712	1/3/11 - 1/10/11								

DFG & FWS TRAP REPORT

SUMMARY

At Knight's Landing the total catch ranged from 14-42 fish/day. The highest catch occurred on Wed 1/19 with F+S CPUE = 19.8 and W+LF CPUE = 1.52.

FWS & DFG Rotary Screw Trap Report												
	Red Bluff		Mill		Deer		Moulton		Tisdale		Knight's Landing	
Report Period	Jan 1-14, 2011		No update		No update		Jan 13-18, 2011		Jan 13-18, 2011		Jan 13-19, 2011	
Flow (cfs)	~10,000						13,100		13,800		~14,000	
Turbidity (NTU)	7.5						18.35		11.63		1.5 ft (secchi)	
H2O (F) (C)		9.6					51		51.8		52	
	Non-Ad Clip Wild		Non-Ad Clip Wild		Non-Ad Clip Wild		Ad Clip Hatchery	Non-Ad Clip Wild	Ad Clip Hatchery	Non-Ad Clip Wild	Ad Clip Hatchery	Non-Ad Clip Wild
CHNF	1,183,784		ND		ND		7	234	0	216	0	100
Total to Date	2,032,710							1430		2097		2098
CHNLF	914							0		1		0
Total to Date	181,410							25		12		7
CHNW	16,859							3		3		6
Total to Date	1,297,889							203		266		341
CHNS	5,831							1		10		3
Total to Date	93,641						268	64	58	218	66	133
SH	317						27	1	16	0	12	0
Total to Date	317						57	2	17	1	17	0
ND= No data available. *Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates in-river origin												

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Chinook monitoring data can be found at: <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

USFWS TRAWL & SEINE REPORT (J. Speegle)

Salmonids- USFWS Trawl and Seine Report for 01/9/2011 to 01/15/2011				
Species	Beach Seines	Mossdale KDTR	Sacramento KDTR	Chippis Is MWTR
CHNF	435	2	2	0
CHNLF	0	0	0	2
CHNW	5	0	0	1
CHNS	51	0	0	0
CHNT	0	0	0	1
SH (RBT)	0	0	0	0
SH (RBTC)	0	0	1	1
*Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates hatchery origin				
**Field sampling seasons for all trawls and seines begins 1 August 2010 and ends 31 July 2011.				

Smelts and Others- USFWS Trawl and Seine Report for 01/9/2011 to 01/15/2011								
	Mossdale		Sacramento		Chippis Is		Beach Seine	
Species	#	Size Range	#	Size Range	#	Size Range	#	Size Range
DSM	0	-	0	-	9	60-72	0	-
LFS	0		0		4		0	
SPT	0		0		1		0	
GST	0		0		0		0	
WST	0		0		0		0	
Other								

SALVAGE REPORT (G. Aasen)

Salvage report for 01/10/2011 to 01/17/2011								
Species	CVP Adipose Clip Hatchery		CVP Non-Adipose Clip Wild		SWP Adipose Clip Hatchery		SWP Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF	0	0	24	13	0	0	6	25
Total to Date	36	25	92	55	94	401	12	50
CHNLF	0	0	0	0	8	34	0	0
Total to Date	220	151	164	108	461	1975	32	135
CHNW	0	0	16	11	10	43	38	166
Total to Date	71	49	209	134	227	974	112	483
CHNS	0	0	0	0	0	0	0	0
Total to Date	0	0	12	7	0	0	0	0
Sum of all Races to Date	327	225	477	303	782	3350	156	667
SH	0	-	0	-	0	-	0	-
Total to Date	0	-	0	-	0	-	7	-
*Species based on FL only; Adipose Clips indicates hatchery stock; Non-Adipose Clip indicates hatchery origin								

SMELT MONITORING

Spring Kodiak Trawl data have been posted to the DFG web-page, available at:

<http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SKT>

SMELT WORKING GROUP

No recommendations were made. The group estimated that the risk of entrainment for delta smelt in the central and south Delta was high, but the overall level of risk was low given the distributional data. Turbidity was low and hydrology remained favorable, which indicated a low level of risk for entrainment. Apparent abundance remains very low, and the recent occurrence of first flush conditions raises concern for the species into the moderate range. Delta smelt upstream migration is likely ongoing. The risk of delta smelt entering the central and south Delta is likely to remain low, due to decreasing turbidity and anticipated San Joaquin river flows.

DOSS

No loss density triggers were met and so the recommendation to NMFS and WOMT was to continue operating to no more negative than -5000 cfs.

OPERATIONS (R. Shahcheraghi)

Summary for January 20, 2011			
SWP		CVP	
Clifton Court (cfs)	7,500	Jones Pumping Plant (cfs)	4,100
Outflow (cfs)	29,700	American- Nimbus (cfs)	8k-7k-6k
Oroville (cfs)	1,750	Keswick (cfs)	15k-12750k-12k
San Luis Total (TAF)	1,807	Stanislaus (cfs)	NA
San Luis Share(TAF)	946	Mokelumne (cfs)	NA
X2 (Km)	68.3	Tuolumne (cfs)	NA
E/I (%)	21.5		
OMR (daily)	-4353		
OMR 5 day (cfs)	-4932		
OMR 14 day (cfs)	-4499		
Prisoner's Pt (NTU)	9.6		
Holland Cut (NTU)	7.7		
Victoria (NTU)	9.9		

Daily operations summary can be viewed at: <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>

The next DAT call is scheduled for Thursday, Jan 27, at 11:00 am. Call in number will be 916-657-4111.

Respectfully submitted,

Cynthia LeDoux-Bloom (for Angela Llaban)